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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/620,607	07/20/2000	Glenn Friedrich	LEX-0032-USA	3266

7590 08/27/2002

Lexicon Genetics Incorporated
4000 Research Forest Drive
The Woodlands, TX 77381

EXAMINER

GOLDBERG, JEANINE ANNE

ART UNIT	PAPER NUMBER
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1634

DATE MAILED: 08/27/2002

10

Please find below and/or attached an Office communication concerning this application or proceeding.



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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER

Jeanine Enewold Goldberg

ART UNIT	PAPER
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1655

10

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.


Commissioner of Patents and Trademarks

The communication filed July 10, 2002 is not fully responsive to the Office communication mailed May 18, 2002 for the reason(s) set forth on the attached Notice To Comply With The Sequence Rules or CRF Diskette Problem Report. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132.

Since the reply appears to be bona fide attempt to comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825), applicant is given a TIME PERIOD of **ONE (1) MONTH** from the mailing date of this communication within which to correct the deficiency so as to comply with the sequence rules (37 CFR 1.821 - 1.825) in order to avoid abandonment of the application under 37 CFR 1.821(g). EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication should be directed to Examiner **Jeanine Enewold Goldberg**, Art Unit 1655, whose telephone number is **(703) 306-5817**.

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (703) 308-0196.


W. Gary Jones
Supervisory Patent Examiner
Technology Center 1600

Notice to Comply

Application No.

09/620,607

Examiner

Jeanine Enewold Goldberg

Applicant(s)

FRIEDRICH ET AL.

Art Unit

1655

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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1634

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BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/620,607A
Source: 1600
Date Processed by STIC: 7/3/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

1600

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Comply
ette Needed
TCC CENTER 1600/2900
02

DATE: 07/03/2002
TIME: 12:28:04

Input Set : A:\LEX-0032-USA SEQ LISTING.txt
Output Set: N:\CRF3\07032002\I620607.raw

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4 <110> APPLICANT: Friedrich, Glenn
5      Zambrowicz, Brian
6      Sands, Arthur T.
8 <120> TITLE OF INVENTION: Novel Mutated Mammalian Cells and Animals
11 <130> FILE REFERENCE: LEX-0032-USA
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/620,607
C--> 13 <141> CURRENT FILING DATE: 2000-07-20
13 <160> NUMBER OF SEQ ID NOS: 1848
15 <170> SOFTWARE: FastSEQ for Windows Version 3.0

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The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

Please see p. 6 for explanation of

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17 <210> SEQ ID NO: 1
18 <211> LENGTH: 137
19 <212> TYPE: DNA
20 <213> ORGANISM: Mus musculus
22 <400> SEQUENCE: 1
E--> 23  acgattatatt gcggaccagt cgggaccttg accttgatct gatccnaaga caacncnaaa      60
E--> 24  aaatggtctc ntttctcctg aaaaccaagg agtaaataac acaacttacc aaaagttgaa      120
25  cttggtggct gagcctc
37 <210> SEQ ID NO: 3
38 <211> LENGTH: 285
39 <212> TYPE: DNA
40 <213> ORGANISM: Mus musculus
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E--> 44  cnntgtagcc tngtcngaac actanacnag ggcnccaa atcattgttg gtggttgatga      120
E--> 45  aaccacccac catgtggttg ctgggatttg aaactncagg gatcttccag gaaaaaagca      180
E--> 46  gtccaggggg ctcttaaacc cgcttgaagc ccatcttctc ccaagccnnc ccnggccatt      240
E--> 47  tccctttnc ttnaaagggg gcattggaaa ttggaatecc cccaa      285
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50 <211> LENGTH: 236
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52 <213> ORGANISM: Mus musculus
54 <400> SEQUENCE: 4
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E--> 56  gtggttgaat attggaccnc agngaccttc ccnnnctgn accannccct ggtggctgat      120
E--> 57  ctcttaaaa anaagtggac tctgtgttcc ggaactttgn acntgaatgg ggacagtctn      180
E--> 58  atcnccgaag gaggaatntc tcctcctctt ggggggattt tcccttatg ttcaaa      236
60 <210> SEQ ID NO: 5
61 <211> LENGTH: 356
62 <212> TYPE: DNA
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Please see p. 6 for explanation of error.

RAW SEQUENCE LISTING

DATE: 07/03/2002

PATENT APPLICATION: US/09/620,607

TIME: 12:28:04

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Output Set: N:\CRF3\07032002\I620607.raw

63 <213> ORGANISM: Mus musculus

65 <400> SEQUENCE: 5

E--> 66	gcacatgcct ctggcacacc ttcntggatc tnccacanc aganggaccc aactgctcct	60
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E--> 68	cctcctgcaa naaaatgct gctcctgctg tcccgtgggn tgctccaaat gtncaccagg	180
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70	cgctgccacc acgtgtaaat agtatcggac caaccacgcg tcttcctata cagttccacc	300
71	ctgtttacta aacccccgtt ttctaccgag tacgtgaata ataaaagcct gtttga	356

73 <210> SEQ ID NO: 6

74 <211> LENGTH: 224

75 <212> TYPE: DNA

76 <213> ORGANISM: Mus musculus

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E--> 81	gctatgctca gttctactgc aaanggtgtg tcctaaggaa gcaacaata ccctnagcta	180
E--> 82	tncagggtgga aaaatcctac tagagaaaaa gtcacttgat tttt	224

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85 <211> LENGTH: 336

86 <212> TYPE: DNA

87 <213> ORGANISM: Mus musculus

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E--> 91	nnagggacaa ntgtctcgaa aanttcaacc atgtgagntg tantcgnctca acngactggg	120
E--> 92	aaancncca acgggntngc natntcgcgc ctngcccent gcccatgcag cctntcctc	180
E--> 93	tcaaagactg gactgcgctc gctggcentc atgaaangag tnccagggaag ctagnctccg	240
E--> 94	cncttannac ctttagntcc tttgacantg acattataaa accnctcct ctgtgggcac	300
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98 <211> LENGTH: 530

99 <212> TYPE: DNA

100 <213> ORGANISM: Mus musculus

102 <400> SEQUENCE: 8

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E--> 105	gaaaancacn ncagecgnen atanctctgc gccctgcta catcttctgg tgatatcatc	180
E--> 106	tngggggccc ntggctgtgc ctntgtcctt gggacaaggc ccgccacgct gggcttgtn	240
E--> 107	tgcacctggg ggggtcngct ttccctctgc tgaaccancc catcctgggtg ttngctgcta	300
E--> 108	cnaaggccac tctgttcnng ctcnnggncg ncttaaaaca ctcctttcct gggngncca	360
E--> 109	cantaaggct cttaacacn atngnggggg gaaaaggccn gggngtncaa ttccctcctt	420
E--> 110	gccttgggce ttggnctcct ggggnttnt gggctttgnt gcaaaagncc cccaagaaa	480
E--> 111	ccccctgngc ctngnctttc tgccatcaan gtgctgctcc attttctcct	530

113 <210> SEQ ID NO: 9

114 <211> LENGTH: 582

115 <212> TYPE: DNA

116 <213> ORGANISM: Mus musculus

118 <400> SEQUENCE: 9

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120	aagccccata gagagatccg aagacacact cacccttctt ccgccatctt tccggtgctt	120

RAW SEQUENCE LISTING

DATE: 07/03/2002

PATENT APPLICATION: US/09/620,607

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121  cagctactgc gcttgccgag cctcaccggg cggggtagag agggccgcct cgacgtctct 180
122  tgtatcatag agacggactc tcgctcccgc aggaggactc aggcagcctg agattcctta 240
123  gcgaatgtga gcgtctggga aaaggtcttg ctagccagga ttccggcaaa aaaccctcca 300
124  gtttccttcc catcccttct aaggtctcta gagtctgaca cccgtctgga tccaaccctt 360
125  ttcagttagg ctgtagggtc tcgaactcgg ccgcttgtga acaatttaaa ggctttccac 420
126  aatgcactctg cagcttccgc tacggcacgg gctctacaga agttggccgc cttgcttagg 480
127  tgaggttttt attcccggag acttgaagga ccgacgtggc actcacattt ggtgggcggt 540
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131 <211> LENGTH: 356
132 <212> TYPE: DNA
133 <213> ORGANISM: Mus musculus
135 <400> SEQUENCE: 10
E--> 136  atagagaccc ccagancnac atggatctcc agnccttccc nntgtgaaca ctctccctg 60
E--> 137  tcnggccacg ctncccangc tggatgaaga tnagctgtan ccccaaaagt gcactgctat 120
E--> 138  nggcgacang catccattcc tcantgaatt tggacgggga atcctgtgaa atntgccatc 180
E--> 139  aatccatcct ccatganntn tntangatgg gaaatactgg gcctgaanag gacnctntnc 240
E--> 140  tgcccanngg acacgggata cgtccnttcn gttcccngca tgcncncaa cccactcaaa 300
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143 <210> SEQ ID NO: 11
144 <211> LENGTH: 253
145 <212> TYPE: DNA
146 <213> ORGANISM: Mus musculus
148 <400> SEQUENCE: 11
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E--> 150  tactcttgta ctntcggaa cncntgntgt ccatncaacc ctgtccntcc nacctngcaa 120
E--> 151  nancaggta caanttgta ccagcaatgn aaggtggctc cntcaaccct gganccttcc 180
E--> 152  ctaccagca acancctgcc canctacaaa caactnactg tgccccaac aggcctgat 240
153  gagggttcct gaa 253
155 <210> SEQ ID NO: 12
156 <211> LENGTH: 112
157 <212> TYPE: DNA
158 <213> ORGANISM: Mus musculus
160 <400> SEQUENCE: 12
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E--> 162  aagcatcttt ggcctattat tcancagcaa gatggcttga agaaaaaat aa 112
164 <210> SEQ ID NO: 13
165 <211> LENGTH: 383
166 <212> TYPE: DNA
167 <213> ORGANISM: Mus musculus
169 <400> SEQUENCE: 13
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E--> 172  ctatgttcan caacccttgc tcccagtggg gagtttctaa aaaggcagcc ccactcctca 180
E--> 173  nangctgggg tcccaaaacc caggcctctt ctgtganatt cnnantggga atttctaaan 240
E--> 174  aggcanccat cctcaatgct gggtcceatc cagggcctct tctgtganat tcntgtncn 300
E--> 175  nnnncnctgt gcggcnaana ttttttnaa agnggggggg gggggccccc ccccccccc 360
E--> 176  cccctnnggg gggggggggg ggg 383
178 <210> SEQ ID NO: 14

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/620,607

DATE: 07/03/2002
TIME: 12:28:04

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Output Set: N:\CRF3\07032002\I620607.raw

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186 cttcttcatt ttttttttcc tcttttgaac c      151
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 207
190 <212> TYPE: DNA
191 <213> ORGANISM: Mus musculus
193 <400> SEQUENCE: 15
E--> 194 ggcccagatg cttctgggct acaccagttc ctgtttcgat gtgangtttt gaaatgctcc      60
195 gtgaagggct gagggacggc aggaagatgg cgggagccag gcagtaccaa ctccctggcg      120
196 aagaagccaa gatggagact gagaagtgtt tggggaagag ccaaaataaa gagcaataaa      180
197 ataagccgtc cacgggaaaa aaaaaaa      207
199 <210> SEQ ID NO: 16
200 <211> LENGTH: 131
201 <212> TYPE: DNA
202 <213> ORGANISM: Mus musculus
204 <400> SEQUENCE: 16
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E--> 206 aaccnactga agaaaaagac tggacctgat naagaagacg ttggaagaaa gatgcttccg      120
207 atgacttta t      131
209 <210> SEQ ID NO: 17
210 <211> LENGTH: 393
211 <212> TYPE: DNA
212 <213> ORGANISM: Mus musculus
214 <400> SEQUENCE: 17
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E--> 216 cctngattgt aanaggaccn caatgcgttt ctcaaaccce tatgtnaang ccnctctcca      120
E--> 217 ncancgaggg gcggcgtctg aagaaacgga agacctccat taagaaaaac aactgaacc      180
E--> 218 ccacgtncna cnaggccctg gtgttcgacg tggctcccga nagegtggag aacgtgggtc      240
219 tcagcatcgc agtggttaac tatgactgca tcggccacaa tgaaatgatc ggggtgtgcc      300
E--> 220 ccgtgggtcc cnaangctgc cgaccacac ggcagganaa cactgggcag anatgctggc      360
221 taaccgcgc aagcctgtgg aacactggca cca      393
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224 <211> LENGTH: 148
225 <212> TYPE: DNA
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231 ctttatttta taatttgaaa aaaaaaa      148
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/620,607

DATE: 07/03/2002

TIME: 12:28:04

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Output Set: N:\CRF3\07032002\I620607.raw

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E--> 239 aaactgtcat ctctcctggg ctatgagacg gaaatgtana attctacaca tctacggtgt      60
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      256 <210> SEQ ID NO: 21
      257 <211> LENGTH: 256
      258 <212> TYPE: DNA
      259 <213> ORGANISM: Mus musculus
      261 <400> SEQUENCE: 21
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E--> 263 tntgcaagan gaaacanaaa gcctctccac ccangcctgg aatgtttcca ncenttgtcn      120
E--> 264 agnaaaccca cncagcgtct tgtcatgngc gaattggaac acgcntatgc nctccgggcg      180
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      271 <213> ORGANISM: Mus musculus
      273 <400> SEQUENCE: 22
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E--> 276 tgactnanca ngagttaccc acacangaan cggacatnca tnttactgc agaccagaa      180
      277 gacgtgacgg gagaccagga aacgtctgcc tcgctgactt actatatcc cttggatgta      240
      278 ctgatcaggc tacattccgc caagtcaaaa acgttgagag aaaaaaatgt ctaataattt      300
      279 cctctgataa tcaccaaaaa ttacaa      326

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VARIABLE LOCATION SUMMARY

DATE: 07/03/2002

PATENT APPLICATION: US/09/620,607

TIME: 12:28:10

Input Set : A:\LEX-0032-USA SEQ LISTING.txt

Output Set: N:\CRF3\07032002\I620607.raw

Use of n's or Xaa's(NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

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 Seq#:3; N Pos. 22,23,28,32,37,38,39,62,63,72,76,85,88,94,156,228,229,233
 Seq#:3; N Pos. 248,253
 Seq#:4; N Pos. 18,26,45,49,52,55,79,83,93,94,95,96,100,105,106,132,160,163
 Seq#:4; N Pos. 180,184,198
 Seq#:5; N Pos. 24,32,39,44,107,113,116,120,131,160,173,185,188,192,197,201
 Seq#:5; N Pos. 207
 Seq#:6; N Pos. 18,23,26,29,65,144,175,182
 Seq#:7; N Pos. 19,20,25,61,62,71,83,98,103,107,113,124,126,136,138,141,144
 Seq#:7; N Pos. 153,159,174,208,217,222,235,242,247,248,257,268,284,312,318
 Seq#:8; N Pos. 17,41,50,51,55,57,62,64,73,105,119,126,130,131,138,140,144
 Seq#:8; N Pos. 182,191,203,240,257,278,293,302,318,319,324,328,331,354,355
 Seq#:8; N Pos. 357,363,380,383,385,400,404,407,435,446,449,459,468,488,493
 Seq#:8; N Pos. 495,510
 Seq#:9; N Pos. 36,50
 Seq#:10; N Pos. 16,18,33,41,42,54,63,74,78,92,100,121,129,144,173,197,198
 Seq#:10; N Pos. 200,202,205,228,234,237,239,247,248,266,270,277,284,287,314
 Seq#:10; N Pos. 316,335,339
 Seq#:11; N Pos. 54,58,73,82,84,87,95,107,111,116,121,123,134,140,150,162
 Seq#:11; N Pos. 174,194,203,216
 Seq#:12; N Pos. 60,84
 Seq#:13; N Pos. 62,102,130,181,183,217,222,223,225,240,246,288,294,298,300
 Seq#:13; N Pos. 301,302,303,305,316,319,328,333,366,367
 Seq#:14; N Pos. 26,31,47,79,105
 Seq#:15; N Pos. 45
 Seq#:16; N Pos. 28,31,38,59,65,91
 Seq#:17; N Pos. 17,23,64,73,80,106,109,113,121,124,187,189,192,221,312,315
 Seq#:17; N Pos. 338,352
 Seq#:18; N Pos. 75
 Seq#:19; N Pos. 39
 Seq#:21; N Pos. 17,49,54,62,70,77,94,111,114,120,123,132,148,165,171,183
 Seq#:21; N Pos. 220
 Seq#:22; N Pos. 101,126,128,131,146,150,158,162
 Seq#:23; N Pos. 27,30,54,68,73,90,95,98,100,102,111,123,130,131,133,137
 Seq#:24; N Pos. 25,28,33,53,65,67,68,72,78,79,88,93,115,116
 Seq#:25; N Pos. 57,72
 Seq#:26; N Pos. 131,159,160,221,274,289,313,339
 Seq#:27; N Pos. 64,69,73,75,83,91,94,100,107,113,114,123,145,160,176,181
 Seq#:27; N Pos. 195,214,216,229,230,235,241,259,264,272,274,282,283,298,308
 Seq#:27; N Pos. 335,358,359,360
 Seq#:28; N Pos. 19,21,58,89,94,98,106,109,118,122,131,140,160,173,191,195
 Seq#:28; N Pos. 196,200,213,251,260,269,278,302,322,332,340,342,345,351,363
 Seq#:28; N Pos. 373

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/620,607

DATE: 07/03/2002

TIME: 12:28:10

Input Set : A:\LEX-0032-USA SEQ LISTING.txt

Output Set: N:\CRF3\07032002\I620607.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:23 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1
M:340 Repeated in SeqNo=1
L:43 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3
M:340 Repeated in SeqNo=3
L:55 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:4
M:340 Repeated in SeqNo=4
L:66 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:5
M:340 Repeated in SeqNo=5
L:79 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:6
M:340 Repeated in SeqNo=6
L:90 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:7
M:340 Repeated in SeqNo=7
L:103 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:8
M:340 Repeated in SeqNo=8
L:119 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:9
L:136 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:10
M:340 Repeated in SeqNo=10
L:149 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:11
M:340 Repeated in SeqNo=11
L:161 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:12
M:340 Repeated in SeqNo=12
L:171 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:13
M:340 Repeated in SeqNo=13
L:184 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:14
M:340 Repeated in SeqNo=14
L:194 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:15
L:205 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:16
M:340 Repeated in SeqNo=16
L:215 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:17
M:340 Repeated in SeqNo=17
L:230 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:18
L:239 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:19
L:262 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:21
M:340 Repeated in SeqNo=21
L:275 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:22
M:340 Repeated in SeqNo=22
L:287 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:23
M:340 Repeated in SeqNo=23
L:297 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:24
M:340 Repeated in SeqNo=24
L:307 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:25
M:340 Repeated in SeqNo=25
L:318 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:26
M:340 Repeated in SeqNo=26
L:331 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:27
M:340 Repeated in SeqNo=27

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/620,607

DATE: 07/03/2002

TIME: 12:28:10

Input Set : A:\LEX-0032-USA SEQ LISTING.txt

Output Set: N:\CRF3\07032002\I620607.raw

L:344 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:28
M:340 Repeated in SeqNo=28
L:358 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:29
M:340 Repeated in SeqNo=29